



CAPCOA Enforcement Managers Meeting

April 7, 2016 – 10:00 am to 5:00 pm

April 8, 2016 – 8:00 am to 12:00 pm

Location: Chico, CA

Draft Meeting Minutes

Thursday, April 7, 2016 @ 10:00 AM

I Welcome and Introductions

Amy Roberts

- Agenda Additions/Changes -
- Review/Approval of January 2016 Meeting Minutes -
- Update Enforcement Manager's Roster
- Review Upcoming Enforcement Meeting Dates/Locations
 - ✓ July 14-15, San Diego - OK
 - ✓ October 6-7, South Lake Tahoe - OK

II Review of Outstanding Action Items

Amy Roberts

ACTION ITEM	ASSIGNED	DATE	STATUS	NOTES
Proposed revision of Special Advisory 405C	McLaughlin	TBD	In Progress	ARB is drafting proposed changes to the Advisory
CAPCOA Working Group – Portable Engine ATCM/PERP Revisions	CAPCOA working group	TBD	In Progress	ARB and CAPCOA on-going discussions about revisions to portable engine fleet standards and PERP
Compile CAPCOA Enforcement Statistics and send to Cal-EPA	Roberts	6/1/2016 (Districts) 9/1/2016 (Chair)	In Progress	District-submitted statistics due by 6/1/16, including enforcement examples; update report; Complete by 9/1/2016
2016 Enforcement Symposium	Roberts	TBD	In Progress	ARB and CAPCOA working group; draft agenda, determine site location, other items

III CAPCOA Liaison Report

Larry Greene

- Leaving for Washington DC for a lobbying trip.
- CAPCOA Board Meeting next Wednesday (April 13)
- Portable Equipment – APCOs met with Richard Corey at ARB regarding PERP & GHG O&G Regulation. ARB has listened to CAPCOA's interests.
- GHG O&G regulation – Costs for performing inspections. Have had frank funding discussions in the past and there are ongoing discussions regarding with ARB. Funding issues will be different at different districts, as it depends on many factors.
- Making progress with RB regarding the GHG O&G regulation.

IV CARB Open Floor Update Report

Tod Sax

- Discussed MOU - Enforcement of Diesel Regulations
- Are updating SEP policies to reflect new requirements.
- Keeping very busy with VW & mobile sources.
- PERP & ATCM – Expect to have a proposal in June.
- Training – Looking at costs and maximizing resources.
- Annual ARB report to ARB Board in June – Enforcement.
- Group discussion regarding complaints referred by ARB. Districts want more timely notice, quick turnaround and better communication. ARB will revamp complaint procedures and include districts.
- EJ – Communication. ARB is working to formalize communication with concerned parties instead of relying on an ad hoc committee.

V Portable Equipment

Mike Guzzetta/Jimmy Aguila

- Met with APCOs yesterday (April 6) regarding PERP regulation & the portable ATCM.
- 2013 fleet emission standard compliance would have been about 90%. About 75% of reports were submitted.
- For 2017 & 2020 deadlines, looking at about 50% compliance for 2017 and about 10% for 2020.
- Reasons for non-compliance:
 - ✓ Lack of add on control devices,
 - ✓ flex engines used instead of regular tiers,
 - ✓ ARB is still receiving registration applications for flex engines.
- SCAQMD has a problem with flex engines. How to deal with flex engines?
- High percentage of flex engines that meet Tier 3 and not higher. Increased cost: T4 is about 110% over a Tier 3. Also a great size and weight difference.

Tier	% Fleet	# of Units	Av. PM g/BHP/Hr	Comments
1	17	4673	0.17	
2	22	6261	0.13	
3	43	11946	0.13	1/3 to 1/2 = flex engines
I-4	15	4320	0.02	
4	3	827	0.02	

- When is flex engine manufacturing going to be cut off? Group discussion held regarding phase out of flex engines & new registration of older flex engines.
- Group is working to “harmonize” PERP & Portable ATCM regulations.
- ARB wants to eliminate multiple engine discount that is currently in the PERP reg.
- District concerns re: fleet average enforceability, small hours for low use engines, prohibition of sales for old tier engines, ATCM restrictions on district permitting lower tiered engines.
- Potential regulatory approach may have multiple elements:
 - ✓ Tier phase out for small and regular fleets. Could have different years, depending on size.
 - ✓ May retain fleet average emission standards for large fleets.
 - ✓ Stronger tier based requirements in serious non-attainment areas for PM2 (SCAQMD & SJVAPCD)
 - ✓ Improved engine labeling - placard system that includes different colors for different tiers or low use engines, flex engines, etc.
 - ✓ Increased fees to cover costs.

- ✓ Rewards for fleets meeting 2017 & 2020 fleet average emission standards.
- ✓ “Extra credit” for zero emission technologies.
- 5% of companies own 75% or registered engines. 95% of companies own the remaining 25% of engines.
- Draft conceptual dates presented for tier phase out and large company fleet average standards.
- Schedule - meetings in 2016, will go to ARB Board in March of 2017.
- Enforcement of 2013 Fleet Requirements (statute expires soon)
- Portable Engines Registered in DOORS - New DOORS manager.
- Drought and Non-Certified Equipment Update: 65 reports received to date. Uncertified engines for water well drilling activities.
- Reminder to districts: Annual PERP related reports are due. The public is starting to ask for them.

VI South Coast AQMD Enforcement Updates

Mohsen Nazemi

- **Aliso Canyon** Leak finally repaired Feb 2016 and confirmed by DOGGR.
- Oct 24 2015, received multiple odor complaints, issued NOVs and NTCs.
- L.A. County Dept. of Health issued order to make So Cal Gas Company pay to relocate families. Cost is about \$2.5 million/day.
- SCAQMD and ARB performed air monitoring, Unified Command was set up and daily briefings were given. There were twice weekly calls regarding AQ monitoring, etc. Fly overs performed and CH4 leak rates measured = 58,000 kg/hr at highest leak rate in November 2015. Largest ever leak in USA. SCAQMD, since repair has been performing daily inspections with \$600,000 equipment.
- So Cal Gas Company paid for rooms for 30 days after leak repaired. Returning residents still smelled ethyl mercapthan inside houses and reported same symptoms as before. Proposed testing inside residences has been postponed & postponed. Finally, SCAQMD will conduct testing.
- Intend to do wipe samples and then air monitoring.
- Will take a lot of testing before field can be used. It supplies a lot of natural gas southern California and utilities. Due to lack of natural gas in storage rolling brownouts are possible this year because there may not be sufficient gas supply for utilities.
- **ExxonMobil Refinery** in Torrance: Due to gas prices, there is pressure on agencies including SCAQMD to allow refinery to begin operating again. Will be using the new ESP. Hearing last week from 9:00AM to 8:00 PM. AQMD Hearing Board approved a Stipulated Conditional Order of Abatement with a vote of 3 to 2. SCAQMD signed a \$5 million settlement agreement, settlement agreement. \$2.5 million will go to the community. ExxonMobil will follow different start up procedure.
- **Exide:** Lead Acid battery recycling plant will permanently shut down. Problem: numerous kettles to abate, each containing from 20 to 100 tons of lead. Exide can't empty kettles cold, so they want to start up kettles to heat up and remove lead.
- Another problem is that up to 10,000 surrounding homes could have lead contamination. \$200 million cost to clean up. Clean up is subject to CEQA

VII CalEPA's Environmental Justice Initiative

Mohsen Nazemi

- In 2014 CalEnviroScreen model was used to determine EJ areas - Fresno chosen in 2014.
- In 2015, Boyle Heights and Pacoima, in SCAQMD chosen. Joint inspections. AQMD participated in Pacoima efforts and sent reports to CalEPA.

VIII	CalEPA's Interagency Refinery Task Force	Mohsen Nazemi
	<ul style="list-style-type: none"> Meeting scheduled in the next few weeks. 	
IX	USEPA Open Floor Update Report, CMS Template	Matt Salazar/All
	<ul style="list-style-type: none"> About a month ago, began vessel fuel sampling with U.S. Coast Guard. Recent defeat device work: Diesel particulate filters, ECU codes on vehicles. Truck and bus enforcement with ARB. Hope to have some 6 figure penalties settled by Sep. 2016. Inspector General is still working on ICIS-Air data audit. Benzene monitoring in Kern County Stained glass mfg. metals found outside Oregon plant in high levels 	
X	Engineering Committee Update (conference line)	Frank DeMaris
	<ul style="list-style-type: none"> Mobile refuelers: ARB is reaching out to collect info – hope to get better handle on the issue. GHG protocols under review to insure emission reductions are real, enforceable, etc. Some that are considered now have a land use component. Air curtain incinerators-for use with diseased trees in national forest lands. Problems are that the device meets the definition of incinerator under CAA, could be subject to other requirements, and may need a Title V permit. 8 week window for operation. Then may need Title V permit or other district permits. 	
XI	Diesel Regulations/MOU (conference line)	Warren Hawkins/Heather Brown
	<ul style="list-style-type: none"> Remote sensing: ARB working to procure remote sensing units. Two units, one that is laboratory grade and one that is much smaller and more portable. Smart Audit Program; will help improve enforcement program. Glenn County: Diesel Particulate Filter lawsuit filed in Glenn County (Judge friendly to plaintiff.) was dismissed on March 7, 2016. No appeal yet. Off road regulation: Medium fleets are now subject to reporting requirements. DPF installers: ARB actively enforcing installation requirements against filter installers. Current case in Fresno. 	
XII	Toxics Committee Update (conference line)	Mohan Balagopalan
	<ul style="list-style-type: none"> Next TARMAC call next week. Guidance doc finalized and available for comments soon. Crematory retorts and emissions discussion. Emission factors for GDFs. Agenda items for next week. 	
XIII	Oil & Gas Regulation (conference line)	Joe Fischer/Jim Nyarady
	<ul style="list-style-type: none"> Going to ARB board in July 2016 (1st of 2 Board meetings) 2nd Board hearing to be held before end of year. Mid-May 45 day comment package roll out. Some concern regarding overlapping regulations, DOGGR. PUC, etc. 	

XIV Legislative analysis **Brendon Twohig**

- Have seen many bills being amended, but nothing popped up on PERP.
- AB2781-SEPS bill. Another 10% of penalties must be deposited in an EJ fund.
- Whole package of natural gas leak related bills.
- SB887-State Board to develop program for natural gas storage facility monitoring.
- SB888 OEECA to be lead on emergency response for gas leaks.

XV CARB Training Updates (District Training Requests, VEE) **Steve Brisbee/All**

- Dillon Collins left, currently 2 vacancies for Instructors
- ARB looking to do better. 1st question is: What should we be doing in the 1st place? Should we even be training industry and if so, should we be charging them?
- Reconsidering long term goals.
- Group discussion regarding challenges faced by ARB related to resources, travel costs & training needs/requests.

XVI ARB/CAPCOA Enforcement Symposium **Roberts/All**

- Working group met this week. Options for locations: Sacramento TV station, Convention Center.
- Handed out copy of proposed draft symposium agenda.
- Next working group meeting is 4-19-2016 @2:00 PM

XVII Review of Action Items **Jeff Pinnow**

- CAPCOA PERP working group future meetings scheduled
- Compile CAPCOA Enforcement Statistics and send to Cal-EPA
- CAPCOA Board Meeting next week.
- Perp inspection summary
- Oil and gas updates survey
- 2016 enforcement symposium

Friday, April 8, 2016 – 8:00 AM

XVIII Welcome and Introductions - Agenda Additions/Changes **Amy Roberts**

XIX Vapor Recovery Sub-Committee Update **Lou Dinkler/George Lew/All**

December 2015 “Mega-Blitz”:

- Data from 329 sites collected by ARB and local districts.
- ISD data, 2013 vs 2015 data. Fewer in 2015 because of assist system GDFs converting to balance systems. Also, some had computer communication issues.
- ARB performed review of Mega Blitz results and compared 2013 vs 2015-leak alarms & overpressure alarms.
- Conclusions: OP is wintertime problem and PWD increases year after year for assist GDFs, slight decrease for balance.

Results of Healy 900 EOR nozzle:

- Evaluation at 4 GDFs. Three with PWD problem and one without.
- Lowering the v/l affects PWD & the EOR nozzle shows promise.

Capless vehicle fill neck design

- Violation notices issued to several auto manufacturers for fill pipe specs.
- Need to develop a test fixture to determine fill pipe/nozzle compatibility.

Challenge Mode Testing

- Phase II EOs up for renewal will require testing designed to replicate real life conditions observed during Mega Blitz.

Summary:

- ISD OP alarm frequency is continuing to increase.
- EOR nozzle shows promise.
- Efforts to address fill pipe problem are underway.
- GDF industry is migrating from assist to balance.

Next steps:

- Work with vehicle manufacturers on fill pipe design issues.
- Refine methods to quantify impact of balance systems for cert renewal.
- Application from Franklin Fueling for EOR nozzle.
- Public workshops.

XX Mobile Re-fuelers**ARB/All**

- Draft letter to be sent out to mobile refuelers requesting information.
- Have contacted other agencies & some are not interested. Weights & Measures is. CHP & DOT are possibilities.

CAPCOA-ONLY PORTION OF MEETING**XXI Rural District Issues/Enforcement Cases Roundtable****All**

- Districts discussed ongoing compliance issues and local concerns.